

SECRET



COR 0648 - Copy 8 of 10
23 October 1959

NRO REVIEW COMPLETED

PROGRAM APPROVAL

1. PURPOSE:

Extension of test of Ansco Hyscan Pan photographic film.

2. DESCRIPTION OF WORK OR SERVICES REQUIRED:

- a. Purchase one each master roll of Ansco Hyscan Pan film in 70mm width. Master roll will provide approximately 15,000 feet of film.
- b. Subject film to include anti-halation and anti-curl backing.
- c. Two each rolls 70mm to be sprocketed and test flown in tracker camera at Edwards AFB. Tracker can transport film without modification. Advantage: Rapid processing of film during staging operations to permit quick readout of aircraft track and cloud cover.
- d. Remainder of film (without sprocket holes) to be tested by Itek. If anti-halation and curl problem resolved, material to be considered for use on CORONA. Cronar (mylar) base resists tearing and should improve CORONA camera film transport.

3. EXPECTED ADDITIONAL OR RELATED WORK OR SERVICES:

- a. If preliminary tests continue to prove successful, Ansco will be requested to spool a quantity of film on CORONA spools (predicated on test results and security clearance of Ansco personnel).
- b. Concurrent with above, Ansco will be requested to provide positive splice and spooling standards to specs imposed by stresses and tensions of CORONA camera system.

4. TOTAL ESTIMATED COST:

This requirement was not anticipated in the FY1960 IPD budget. It is estimated that costs may be met through current year savings. Funds to be transferred to ~~10~~ 10/1 by requisition from Material Branch, IPD-DD/P.

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5. DELIVERY SCHEDULE OR PERIOD OF PERFORMANCE:

ASAP. Ansco estimates 29-30 October 1959.

6. REMARKS:

This is a continuation of test of Hyscan Pan film. The first procurement (CORONA 0643, dated 20 April 1959, Program Approval) did not have an anti-curl or anti-halation backing. In all respects, tests by Itek to date show very favorable comparison with 601188 Eastman film.

CONCUR:



WILLIAM BURKE
Colonel, USAF
Acting Chief, DPD

UNED

STANLEY W. BEERLI
Chief, Operations Branch
Authorized DPD-DD/P Requester

APPROVED: or RECOMMENDED FOR APPROVAL:
(Approving officer strike out one)

APPROVED:

(sgd) Richard M. Bissell, Jr. 26 OCT 1959

RICHARD M. BISSELL, JR.
Deputy Director
(Plans)

ALLEN W. DULLES
Director

7. CONDITIONS OF APPROVAL:

DPD-DD/P

Distribution:

- Orig & 1 - MAT/DPD
1 - DD/P
1 - AC/DPD
1 - OPS/DPD
1 - FIN/DPD
1 - IB/DPD
1 - RI/DPD
1 - OPS/DPD (Chrono)
1 - OPS/DPD (CORONA)

April 1959

1. PURPOSE (General statement of what work or tasks are to be accomplished.)

Test Hyscan Pan film for possible use in GUSTO equipments.

2. DESCRIPTION OF WORK OR SERVICES REQUIRED (Outline firm tasks, showing contractors and contract price under each task. A task is "firm" when the scope of work is known, when a contractor has been selected, and when the price is known within 10%.)

1. Obtain 4 each 2,000 ft. rolls of Hyscan film est. cost
2. Test fly material in "B" Conf. with 0-6-6000 film.
3. HPA will evaluate results.
4. Funds were transferred to O/L by requisition from materiel.
5. Tests to be monitored by R&D at Edwards AFB

NRO
25X1

3. EXPECTED ADDITIONAL OR RELATED WORK OR SERVICES (Outline in this section expected tasks which are not definite enough to qualify as "firm" in Section 2 above.)

NONE

4. TOTAL ESTIMATED COST (Include statement on availability of funds.)

Funds available - CHALICE Project
 required for film.

5. DELIVERY SCHEDULE OR PERIOD OF PERFORMANCE

As soon as available.

6. REMARKS (Include any statements that clarify exact nature of approval requested.)

AnSCO has under USAF Contracts and their own funds developed a film (known as Hyscan Pan) and a process for quick processing. Reports indicate the film is similar (speed) to 801188, now being used in the "B" Configuration, but has 3 to 4 times the resolution (about 100 lpm). AnSCO has coated a 2000 ft. master roll on their base material (crown). If above tests are successful, material can be made available for the CHALICE and GUSTO Programs.

 Chief - R&D

APPROVED: or RECOMMENDED FOR APPROVAL:
(Approving officer strike out one)

APPROVED:

RICHARD M. BISSELL, JR.
Deputy Director (Plans)

ALLEN W. DULLES
Director

7. CONDITIONS OF APPROVAL

DFD/ED/P:

Distr:

- Orig. - CONTRACTS
- 2. - AC/EDP
- 3. - OPS
- 4. - MATERIEL
- 5. - FINANCE
- 6. - R&D
- 7. - CHALICE